

Claims

1. Piece of freezing furniture comprising a storage space (3), intended for products to be frozen, and a primary air duct (4), which partly surrounds said storage space (3) and which comprises a suction duct (11), having an inlet (12) that mouths at one side of an access opening (13) of the storage space (3), as well as a rising duct (14), having an outlet (15) that mouths at an opposite side of said opening (13), and a temperature-change unit (36), which is located in the primary air duct (4) and separates the suction duct (11) from the rising duct (14) and includes a fan (16), a heating element (17) and a cooling element (18), said temperature-change unit comprising an insert placed in the primary air duct (4), which insert comprises a secondary air duct (20) having, on one hand, an inlet opening (21), which mouths in the primary air duct (4) downstream the temperature-change unit (36), and is possible to open and close by means of a damper (19), and on the other hand an outlet opening (22) that mouths in the primary air duct (4) upstream the temperature-change unit, **characterized** in that the damper (19) is movable between a first position, in which the inlet opening (21) of the secondary air duct (20) is kept closed and the rising duct (14) of the primary air duct (4) is kept open, and a second position in which the inlet opening (21) is kept open and the rising duct (14) is kept closed.
2. Piece of freezing furniture according to claim 1, **characterized** in that the damper (19) is movable by being turnable around a joint (25).
3. Piece of freezing furniture according to claim 2, **characterized** in that the damper (19) is included in a damper device, which also comprises a fastening plate (29) and a strip (28) extending between the damper (19) and the fastening plate (29), which strip is made of a flexible material and forms said joint (25).

4. Piece of freezing furniture according to any one of claims 1-3, **characterized** in that the damper (19) is actuated by a spring (31), which always aims to hold the same in said first position.

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5. Piece of freezing furniture according to any one of claims 1-4, **characterized** in that at the damper (19) a flexible bladder (32) is arranged, which is possible to fill with a pressurized fluid from a fluid source connected to the same, 10 in order to, when need arises, bring the damper (19) to said second position.

6. Piece of freezing furniture according to any one of claims 1-5, **characterized** in that the damper (19) is arranged 15 to co-operate with a wall (38) having one or more openings (39), wherein the air flow, when the damper is in a first position, without hindrance can pass to the rising duct (14), while the air flow to the same is blocked when the damper (19) co-operates with the wall (38) in a second position.

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7. Piece of freezing furniture according to any one of the preceding claims, **characterized** in that adjacent to said outlet (22) a guiding means (23) is arranged, in order to direct or reverse the air flow toward the inlet 21.

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8. Piece of freezing furniture according to claim 7, **characterized** in that the guiding means (23) extends in the direction from the outlet opening (22) of the insert into the primary air duct (4) as well as forward in the airflow direction 30 toward the temperature-change unit (36).

9. Insert for freezing furniture, **characterized** in that the same comprises a secondary air duct (20) having an outlet opening (22), as well as an inlet opening (21), which is possible to open and close by means of a damper (19), the damper (19) being movable between a first position, in which the inlet opening (21) of the secondary air duct (20) is kept closed and a rising duct (14) of a primary air duct (4) in a

piece of freezing furniture is kept open, and a second in which the inlet opening (21) is kept open and the rising duct (14) is kept closed.